

Lucy Luo

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SKILLS JavaScript, React, Redux, Ruby, Rails, jQuery, SQL / Postgres, Node.js, NoSQL / MongoDB, Express.js, Git, HTML5, CSS3 / SCSS, Object Oriented Programming (OOP), Test Driven Development (TDD) / RSpec, VBA, Excel

PROJECTS

Mybnb (Google Maps, AWS S3, JavaScript, React, Redux, jQuery, Ruby on Rails, Node.js PostgreSQL, SCSS)

A full-stack, single-page Airbnb clone

[Live Site](#) / [Github](#)

- Implemented an interactive map using Google Maps API; location search using Places Autocomplete
- Ensured efficient back-end to front-end JSON responses using RESTful Rails routes, SQL queries and Jbuilder
- Utilized SCSS and media queries for a clean and responsive web design

ImDown! (AWS S3, JavaScript, MongoDB, Express.js, React, Redux, Node.js, HTML5, SCSS / CSS3, Webpack)

A MERN stack motivational, social media app for users to join challenges with a community

[Live Site](#) / [Github](#)

- Led the back-end implementation of Express routes, Mongoose ODM, AWS S3, user auths and data validations
- Created front-end user profiles using React, including Axios back-end requests and global store management
- Conducted peer code reviews and debugged major issues to ensure reliable integration of new features

QuickChef (JavaScript, Canvas API, Tone.js, HTML5, CSS3, Webpack)

A vanilla JavaScript cooking game where players use key combos to complete recipe/order requests

[Live Site](#) / [Github](#)

- Implemented algorithms and data structures to handle character movement (async event handling), collision detection, key combinations (currying), falling objects (queuing) and recipe matching (tree structure)
- Leveraged Canvas API and Tone.js to produce an interactive visual and audio player experience

EXPERIENCE

Automations Consultant, Richter Inc., Remote

Mar 2022 – Apr 2022

- Automated the consolidation process of various audit workflows using VBA, improving efficiencies by 20%

Associate Director / Manager, Royal Bank of Canada, Remote / Toronto, ON

Dec 2019 – Feb 2022

- Led a team to provide cost and productivity advisory to ensure projects benefits are on track and realized
- Oversaw the forecasting, planning and monitoring of ~\$0.9B annual technology budget for Capital Markets
- Ensured a strong financial controls environment, including streamlining processes using VBA and MS Access

Senior Financial Analyst / Financial Analyst, Bank of Montreal, Toronto, ON

Jun 2017 – Dec 2019

- Improved the efficiency of financial planning and analysis by 25% and lead the migration to new ERP system

Investment Banking Analyst, National Bank of Canada, Toronto, ON

Jan 2015 – Aug 2015

- Built asset valuation models and M&A pitch books for executive meetings on business strategy

Fixed Income Analyst, Bank of Montreal, Toronto, ON

Jan 2013 – April 2013

- Implemented a new matrix pricing model in C# for end-of-day pricing of fixed income securities and streamlined the reconciliation of new real-time databases using Oracle SQL procedures and VBA macros

EDUCATION

App Academy, Full-Stack Software Engineering Bootcamp, San Francisco, CA

Aug 2022

Certified Public Accountant (CPA), CPA Ontario, Toronto, ON

Nov 2019

Master's of Accounting, University of Waterloo, Waterloo, ON

Jun 2016

Bachelor's of Accounting and Financial Management with Honors, University of Waterloo, Waterloo, ON

Dec 2015